

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101624AR\
 Data File : FF014703.D
 Signal(s) : FID2B.ch
 Acq On : 16 Oct 2024 12:02
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2024
 Supervised By :Ankita Jodhani 10/17/2024

Integration File: autoint1.e
 Quant Time: Oct 17 01:40:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 11:02:50 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.855	2156976	20.116 ug/ml
Spiked Amount 50.000		Recovery =	40.23%
6) S 2-Fluorobiphenyl (SURR)	8.727	1266337	20.494 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.99%
11) S ortho-Terphenyl (SURR)	11.784	2756886	20.137 ug/ml
Spiked Amount 50.000		Recovery =	40.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.468	2596082	19.741 ug/ml
2) T Naphthalene (C11.7)	6.133	2619306	20.366 ug/ml
3) T 2-Methylnaphthalene (...)	7.227	2623697	20.834 ug/ml
5) T Acenaphthylene (C15.06)	8.524	2592902	20.059 ug/ml
7) T Acenaphthene (C15.5)	8.822	2752162	20.175 ug/ml
8) T Fluorene (C16.55)	9.612	2507765	20.994 ug/ml
9) T Phenanthrene (C19.36)	11.012	2461812	21.373 ug/ml
10) T Anthracene (C19.43)	11.088	2666319	22.556 ug/ml
12) T Fluoranthene (C21.85)	12.829	2659689	21.743 ug/ml
13) T Pyrene (C20.8)	13.124	2692350	21.687 ug/ml
14) T Benzo[a]anthracene (C...	15.002	2131212	24.152 ug/mlm
15) T Chrysene (C27.41)	15.043	2964880	20.634 ug/ml
16) T benzo[b]fluoranthene ...	16.555	2263676	23.425 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.587	2323188	17.097 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.935	2336818	21.315 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.304	1475921	23.022 ug/mlm
20) T Dibenz[a,h]anthracene...	18.353	2318321	21.981 ug/ml
21) T Benzo[g,h,i]perylene ...	18.555	2467254	20.300 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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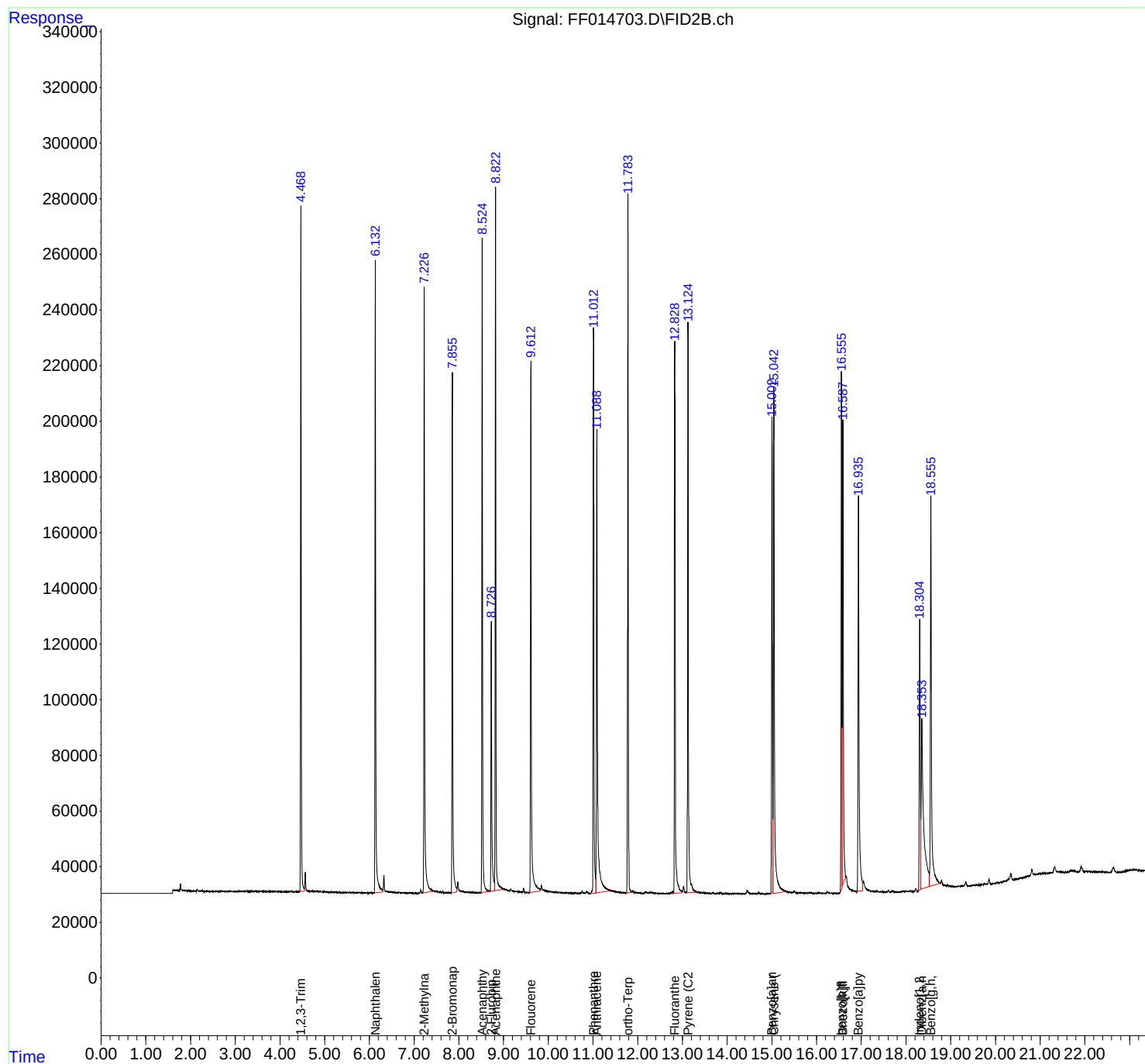
Instrument :
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20 PPM AROMATIC HC STD

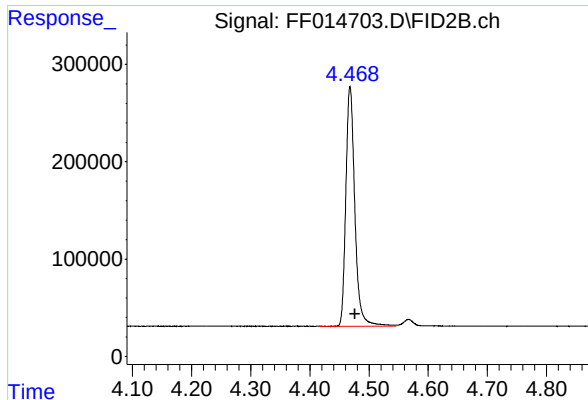
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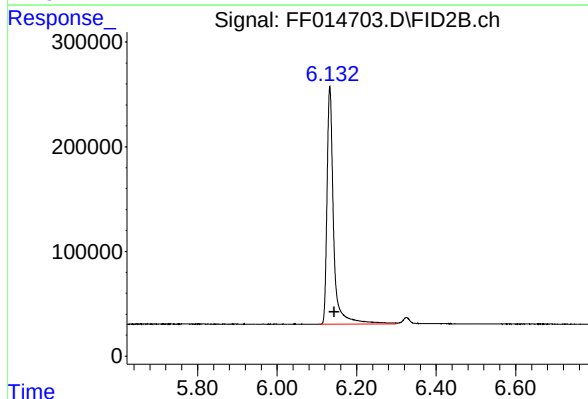
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.468 min
Delta R.T.: -0.008 min
Response: 2596082
Conc: 19.74 ug/ml

Instrument :
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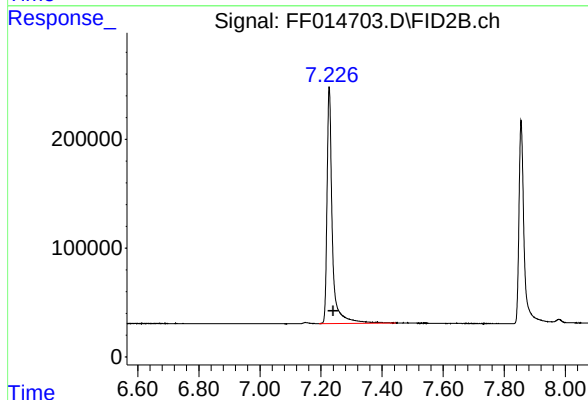
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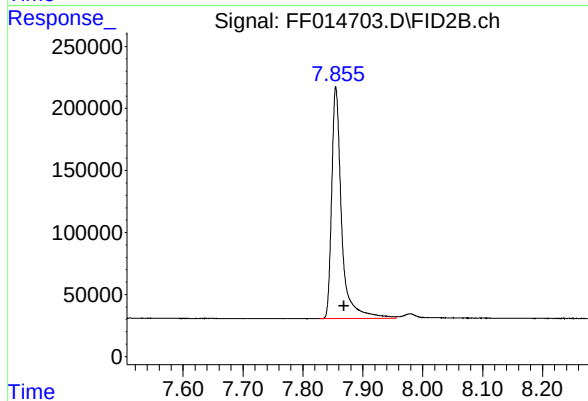
#2 Naphthalene (C11.7)

R.T.: 6.133 min
Delta R.T.: -0.011 min
Response: 2619306
Conc: 20.37 ug/ml



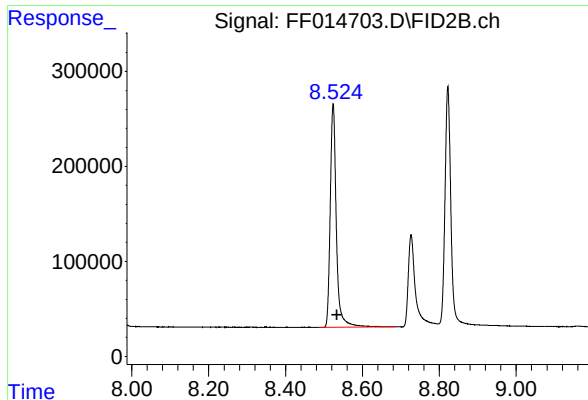
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.227 min
Delta R.T.: -0.013 min
Response: 2623697
Conc: 20.83 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.855 min
Delta R.T.: -0.013 min
Response: 2156976
Conc: 20.12 ug/ml



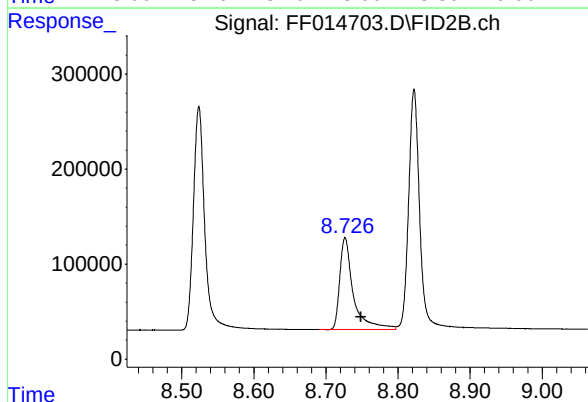
#5 Acenaphthylene (C15.06)

R.T.: 8.524 min
Delta R.T.: -0.010 min
Response: 2592902
Conc: 20.06 ug/ml

Instrument : FID_F
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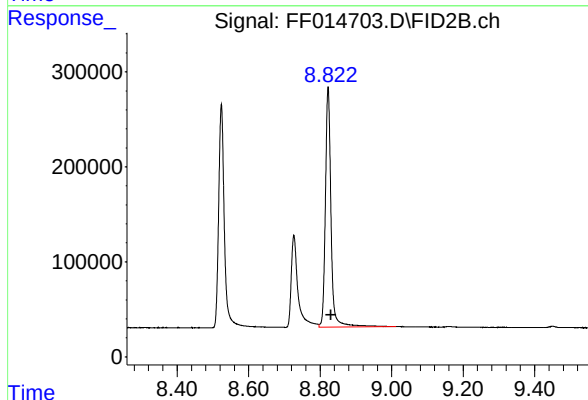
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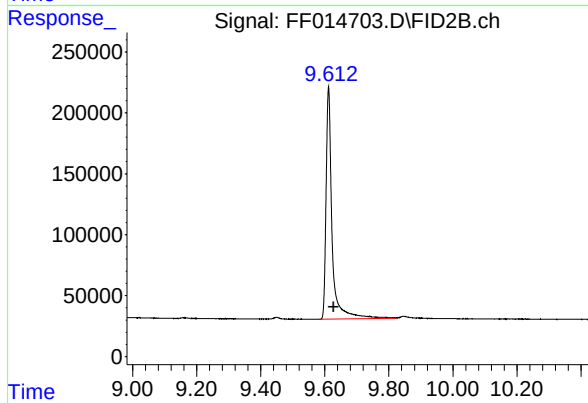
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.727 min
Delta R.T.: -0.022 min
Response: 1266337
Conc: 20.49 ug/ml



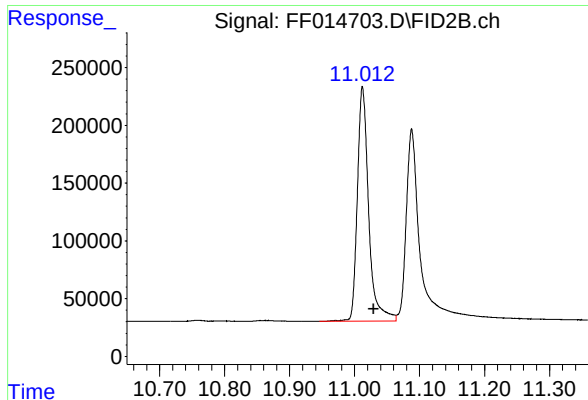
#7 Acenaphthene (C15.5)

R.T.: 8.822 min
Delta R.T.: -0.008 min
Response: 2752162
Conc: 20.18 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.612 min
Delta R.T.: -0.015 min
Response: 2507765
Conc: 20.99 ug/ml



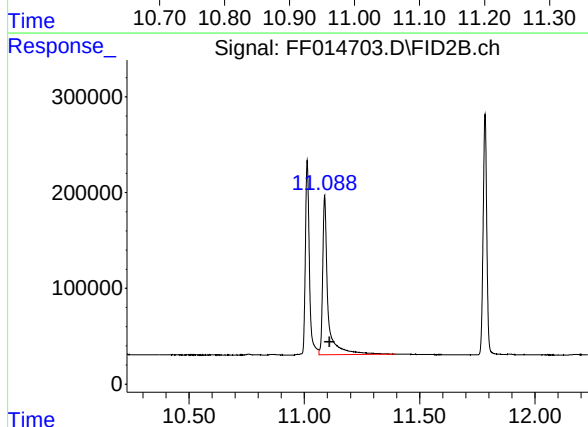
#9 Phenanthrene (C19.36)

R.T.: 11.012 min
Delta R.T.: -0.017 min
Response: 2461812
Conc: 21.37 ug/ml

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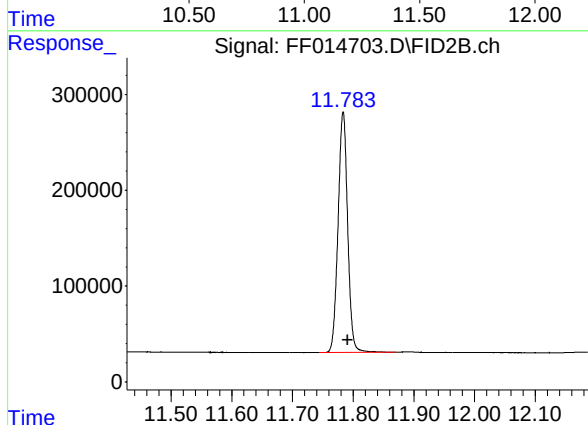
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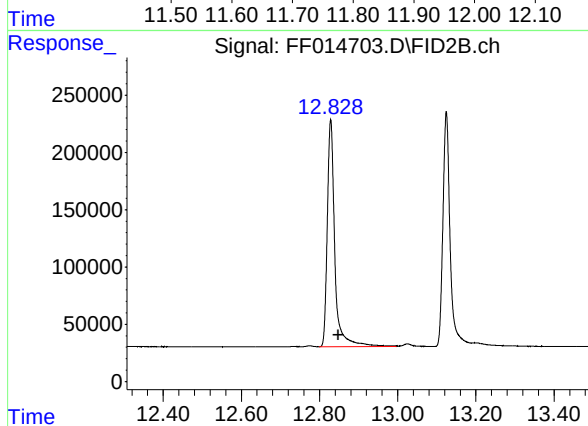
#10 Anthracene (C19.43)

R.T.: 11.088 min
Delta R.T.: -0.022 min
Response: 2666319
Conc: 22.56 ug/ml



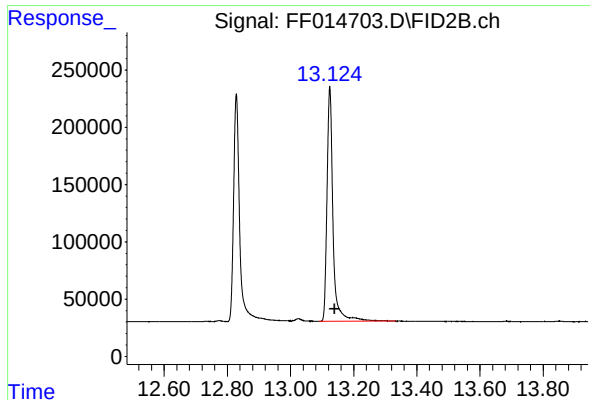
#11 ortho-Terphenyl (SURR)

R.T.: 11.784 min
Delta R.T.: -0.007 min
Response: 2756886
Conc: 20.14 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.829 min
Delta R.T.: -0.020 min
Response: 2659689
Conc: 21.74 ug/ml



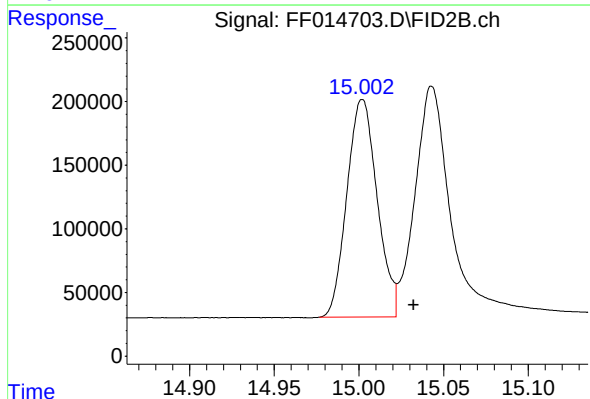
#13 Pyrene (C20.8)

R.T.: 13.124 min
Delta R.T.: -0.015 min
Response: 2692350
Conc: 21.69 ug/ml

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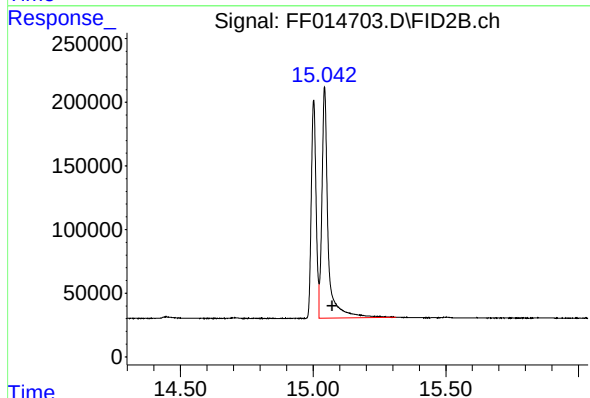
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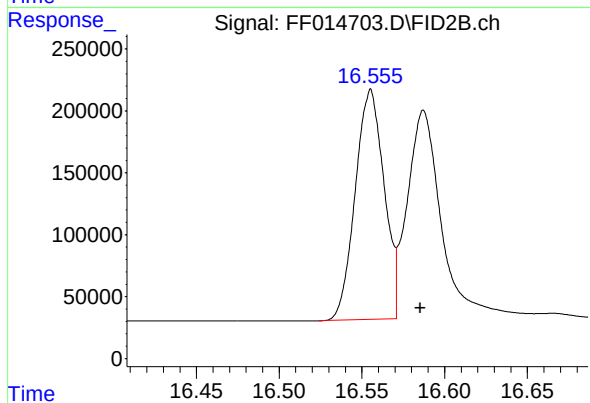
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.002 min
Delta R.T.: -0.031 min
Response: 2131212
Conc: 24.15 ug/ml m



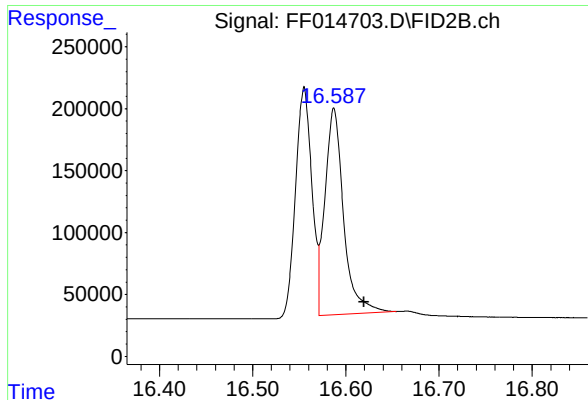
#15 Chrysene (C27.41)

R.T.: 15.043 min
Delta R.T.: -0.028 min
Response: 2964880
Conc: 20.63 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.555 min
Delta R.T.: -0.030 min
Response: 2263676
Conc: 23.42 ug/ml m



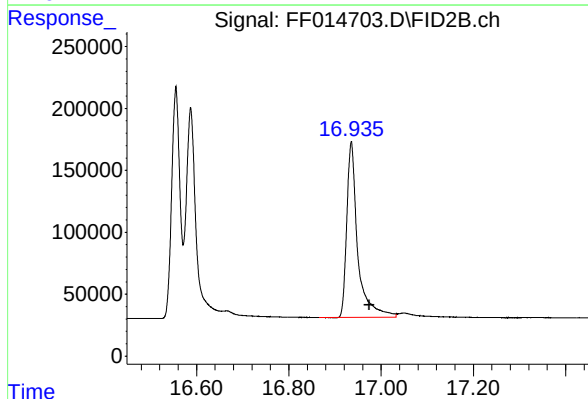
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.587 min
Delta R.T.: -0.032 min
Response: 2323188
Conc: 17.10 ug/ml

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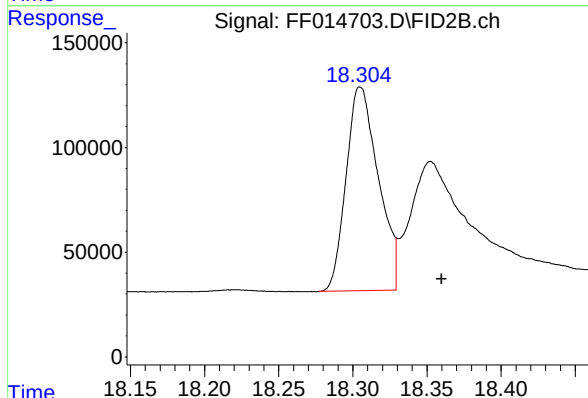
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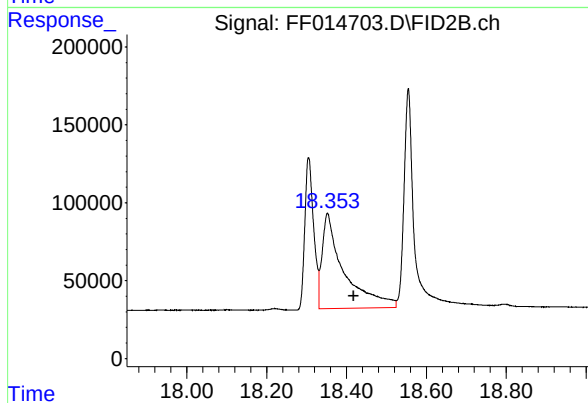
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.935 min
Delta R.T.: -0.039 min
Response: 2336818
Conc: 21.32 ug/ml



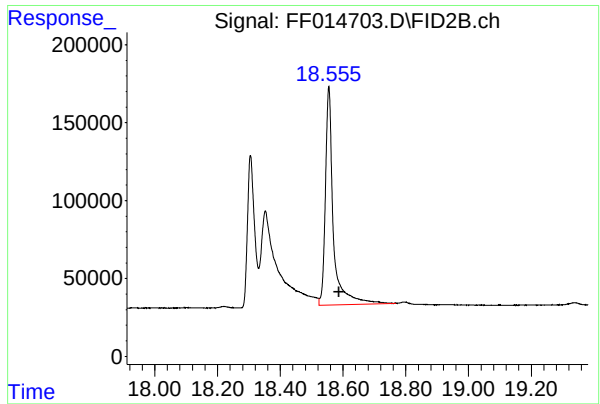
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.304 min
Delta R.T.: -0.056 min
Response: 1475921
Conc: 23.02 ug/ml m



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.353 min
Delta R.T.: -0.065 min
Response: 2318321
Conc: 21.98 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.555 min
Delta R.T.: -0.033 min
Response: 2467254
Conc: 20.30 ug/ml

Instrument :

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